Attorney Docket No. C1123/7

#### DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for water tis sought on the invention entitled

### BINDING COMPOUNDS AND METHODS FOR IDENTIFYING BINDING COMPOUNDS

the specification of which is attached hereto unless the following is checked:

[X] was filed on December 14, 2001, as United States Application No. 10/017,672, and bearing attorney docket no. C1123/7001.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

				norny
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	YES	[ ] NO
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	[] YES	[ ] NO
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	[] YES	[ ] NO

60/255,586	<b>December 14, 2000</b>
(Application Number)	(filing date)
(Application Number)	(filing date)

Serial No.: 10/017,672

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)		(filing date)	(status-patented, pending, abandoned)		
(Application No.)		(filing date)	(status-patented, pending, abandoned)		
PCT International Applic	cations designating	the United States:			
(PCT Appl. No.)	(U.S. Ser. No.)	(PCT filing date)	(status-patented, pending, abandoned)		

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert M. Abrahamsen	40,886	Jason M. Honeyman	31,624	Randy J. Pritzker	35,986
Konstantinos Andrikopoulos	48,915	Robert E. Hunt	39,231	Edward J. Russavage	43,069
Eric Amundsen	46,518	Ronald J. Kransdorf	20,004	Robert A. Skrivanek, Jr.	41,316
John N. Anastasi	37,765	Peter C. Lando	34,654	Alan W. Steele	45,128
Ilan Barzilay	46,540	M. Brad Lawrence	47,210	Mark Steinberg	40,829
Carole Boelitz	48,958	Helen C. Lockhart	39,248	Joseph Teja, Jr.	45,157
Gary S. Engelson	35,128	Matthew B. Lowrie	38,228	Maria A. Trevisan	48,207
Neil P. Ferraro	39,188	William R. McClellan	29,409	John R. Van Amsterdam	40,212
Thomas G. Field III	45,596	Daniel P. McLoughlin	46,066	Robert H. Walat	46,324
Stephen R. Finch	42,534	Chantal Morgan-D'Apuzzo	48,825	Kristin D. Wheeler	43,583
Edward R. Gates	31,616	James H. Morris	34,681	Lisa E. Winsor	44,405
Richard F. Giunta	36,149	Timothy J. Oyer	36,628	David Wolf	17,528
Lawrence M. Green	29,384	Edward F. Perlman	28,105	Douglas R. Wolf	36,971
George L. Greenfield	17,756	Elizabeth R. Plumer	36,637		,
James M. Hanifin, Jr.	39,213	Michael J. Pomianek	46,190		
Steven J. Henry	27,900	Jeffrey B. Powers	45,021		

# 23628

### **CUSTOMER NUMBER:**

Address all telephone calls to John R. Van Amsterdam at telephone no. (617) 720-3500. Address all correspondence to:

John R. Van Amsterdam c/o Wolf, Greenfield & Sacks, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210-2211

or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

K. assilia

Inventor's signature

Full name of first inventor:

Kiyotaka Nishikawa

Citizenship: Residence:

Japan

Post Office Address:

Tokyo, Japan

International Medical Center of Japan Research Institute, 1-21-1, Toyama,

Shinjuku-ku, Tokyo 162-8655, Japan

Inventor's signature

Full name of second inventor: Hung-sen Lai

Citizenship:

USA

Residence:

Winchester, Massachusetts

Post Office Address:

7 Conan Road, U-70, Winchester, MA 01890

Inventor's signature

Full name of third inventor:

Zhou Songyang

Citizenship:

China

Residence:

Houston, Texas

Post Office Address:

Baylor College of Medicine, Room 368A, One Baylor Plaza, Houston,

TX 77030

Inventor's signature

Full name of fourth inventor:

Michael B. Yaffe

Citizenship:

USA

Residence: Post Office Address: Jamaica Plain, Massachusetts

Center for Cancer Research, Massachusetts Institute of Technology, 77

Massachusetts Avenue E18-580, Cambridge, MA 02139

Inventor's signature

Full name of second inventor: Lewis C. Cantley

Citizenship:

USA

Residence:

Cambridge, MA

Post Office Address:

43 Larch Road, Cambridge, MA 02138

Date

Date

Date

Attorney Docket No. C1123/7001

#### DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

### BINDING COMPOUNDS AND METHODS FOR IDENTIFYING BINDING COMPOUNDS

the specification of which is attached hereto unless the following is checked:

[X] was filed on December 14, 2001, as United States Application No. 10/017,672, and bearing attorney docket no. C1123/7001.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

				iority
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	- [] YES	[ ] 00
(Number)	(Country-if PCT, so Indicate)	(DD/MM/YY Filed)	- []	[ ] NO
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	- []	[ ]

60/255,586	December 14, 2000
(Application Number)	(filing date)
(Application Number)	(filing date)

Serial No.: 10/017,672 Page 2

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)		(filing date)	(status-patented, pending, abandoned	
(Application No.)		(filing date)	(status-patented, pending, abandoned)	
PCT International Appli	cations designating	the United States:		
PCT International Appli	cations designating	the United States:		

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert M. Abrahamsen	40,886	Jason M. Honeyman	31,624	Randy J. Pritzker	35,986
Konstantinos Andrikopoulos	48,915	Robert E. Hunt	39,231	Edward J. Russavage	43,069
Eric Amundsen	46,518	Ronald J. Kransdorf	20,004	Robert A. Skrivanek, Jr.	41,316
John N. Anastasi	37,765	Peter C. Lando	34,654	Alan W. Steele	45,128
Ilan Barzilay	46,540	M. Brad Lawrence	47,210	Mark Steinberg	40,829
Carole Boelitz	48,958	Helen C. Lockhart	39,248	Joseph Teja, Jr.	45,157
Gary S. Engelson	35,128	Matthew B. Lowrie	38,228	Maria A. Trevisan	48,207
Neil P. Ferraro	39,188	William R. McClellan	29,409	John R. Van Amsterdam	40,212
Thomas G. Field III	45,596	Daniel P. McLoughlin	46,066	Robert H. Walat	46,324
Stephen R. Finch	42,534	Chantal Morgan-D'Apuzzo	48,825	Kristin D. Wheeler	43,583
Edward R. Gates	31,616	James H. Morris	34,681	Lisa E. Winsor	44,405
Richard F. Giunta	36,149	Timothy J. Oyer	36,628	David Wolf	17,528
Lawrence M. Green	29,384	Edward F. Perlman	28,105	Douglas R. Wolf	36,971
George L. Greenfield	17,756	Elizabeth R. Plumer	36,637		•
James M. Hanifin, Jr.	39,213	Michael J. Pomianek	46,190		
Steven J. Henry	27,900	Jeffrey B. Powers	45,021		
		•			

#### **CUSTOMER NUMBER:**

23628

Address all telephone calls to John R. Van Amsterdam at telephone no. (617) 720-3500. Address all correspondence to:

John R. Van Amsterdam c/o Wolf, Greenfield & Sacks, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210-2211

Date

Date

Serial No.: 10/017,672

Page 3

or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signature Date Full name of first inventor: Kiyotaka Nishikawa Citizenship: Japan Residence: Tokyo, Japan Post Office Address: International Medical Center of Japan Research Institute, 1-21-1, Toyama, Shinjuku-ku, Tokyo 162-8655, Japan Inventor's signature Full name of second inventor: Hung-sen Lai Citizenship: USA Residence: Winchester, Massachusetts Post Office Address: 7 Conan Road, U-70, Winchester, MA 01890 Notary Public My Commission Expires March 14, 2008 Notary for Hung-Sen Lai One Date

Inventor's signature

Full name of third inventor:

Citizenship:

Residence:

Post Office Address:

Zhou Songyang China

Houston, Texas

Baylor College of Medicine, Room 368A, One Baylor Plaza, Houston,

TX 77030

Inventor's signature

Full name of fourth inventor:

Citizenship:

Residence:

Post Office Address:

Michael B. Yaffe

Jamaica Plain, Massachusetts

Center for Cancer Research, Massachusetts Institute of Technology, 77

Massachusetts Avenue E18-580, Cambridge, MA 02139

Inventor's signature

Full name of second inventor:

Lewis C. Cantley USA

Citizenship:

Residence:

Post Office Address:

Cambridge, MA

43 Larch Road, Cambridge, MA 02138

### DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

### BINDING COMPOUNDS AND METHODS FOR IDENTIFYING BINDING COMPOUNDS

the specification of which is attached hereto unless the following is checked:

[X] was filed on December 14, 2001, as United States Application No. 10/017,672, and bearing attorney docket no. C1123/7001.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

				riority aimed
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	[] YES	[ ] NO
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	[] YES	[ ] NO
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	[] YES	[ ] NO

60/255,586	December 14, 2000
(Application Number)	(filing date)
(Application Number)	(filing date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)	(filing date)	(status-patented, pending, abandoned)
(Application No.)	(filing date)	(status-patented, pending, abandoned)
PCT International Applica	ations designating the United States	:

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert M. Abrahamsen Konstantinos Andrikopoulos Eric Amundsen John N. Anastasi Ilan Barzilay Carole Boelitz Gary S. Engelson Neil P. Ferraro Thomas G. Field III Stephen R. Finch Edward R. Gates Richard F. Giunta Lawrence M. Green George L. Greenfield	40,886 48,915 46,518 37,765 46,540 48,958 35,128 39,188 45,596 42,534 31,616 36,149 29,384 17,756	Jason M. Honeyman Robert E. Hunt Ronald J. Kransdorf Peter C. Lando M. Brad Lawrence Helen C. Lockhart Matthew B. Lowrie William R. McClellan Daniel P. McLoughlin Chantal Morgan-D'Apuzzo James H. Morris Timothy J. Oyer Edward F. Perlman Elizabeth R. Plumer	31,624 39,231 20,004 34,654 47,210 39,248 38,228 29,409 46,066 48,825 34,681 36,628 28,105 36,637	Randy J. Pritzker Edward J. Russavage Robert A. Skrivanek, Jr. Alan W. Steele Mark Steinberg Joseph Teja, Jr. Maria A. Trevisan John R. Van Amsterdam Robert H. Walat Kristin D. Wheeler Lisa E. Winsor David Wolf Douglas R. Wolf	35,986 43,069 41,316 45,128 40,829 45,157 48,207 40,212 46,324 43,583 44,405 17,528 36,971
	•		•	Douglas R. Wolf	36,971

### **CUSTOMER NUMBER:**



Address all telephone calls to John R. Van Amsterdam at telephone no. (617) 720-3500. Address all correspondence to:

John R. Van Amsterdam c/o Wolf, Greenfield & Sacks, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210-2211

or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signature Date Full name of first inventor: Kiyotaka Nishikawa Citizenship: Japan Residence: Tokyo, Japan Post Office Address: International Medical Center of Japan Research Institute, 1-21-1, Toyama, Shinjuku-ku, Tokyo 162-8655, Japan Inventor's signature Date Full name of second inventor: Hung-sen Lai Citizenship: **USA** Residence: Winchester, Massachusetts Post Office Address: 7 Conan Road, U-70, Winchester, MA 01890 Laventor's signature Full name of third in vertor: Zoou Songyang China Citizenship: Residence: Houston, Texas Post Office Address: Baylor College of Medicine, Room 368A, One Baylor Plaza, Houston, TX 77030 Inventor's signature Date Full name of fourth inventor: Michael B. Yaffe Citizenship: USA Residence: Jamaica Plain, Massachusetts

Inventor's signature

Post Office Address:

Full name of second inventor: Lewis C. Cantley

Citizenship:

USA

Residence:

Cambridge, MA

Post Office Address:

43 Larch Road, Cambridge, MA 02138

Center for Cancer Research, Massachusetts Institute of Technology, 77

Date

Massachusetts Avenue E18-580, Cambridge, MA 02139

### DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

## BINDING COMPOUNDS AND METHODS FOR IDENTIFYING BINDING COMPOUNDS

the specification of which is attached hereto unless the following is checked:

[X] was filed on December 14, 2001, as United States Application No. 10/017,672, and bearing attorney docket no. C1123/7001.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

			Priority Claimed	
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	[] YES	[] NO
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	[] YES	NO
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	[·] YES	[ ] NO

60/255,586	December 14, 2000			
(Application Number)	(filing date)			
(Application Number)	(filing date)			

Serial No.: 10/017,672 Page 2

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)	<del></del>	(filing date)	(status-patented, pending, abandoned)
(Application No.)		(filing date)	(status-patented, pending, abandoned)
PCT International Applica	tions designating t	the United States:	
(PCT Appl. No.)	(U.S. Ser. No.)	(PCT filing date)	(status-patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert M. Abrahamsen	40,886	Jason M. Honeyman	31,624	Randy J. Pritzker	35,986
Konstantinos Andrikopoulos	48,915	Robert E. Hunt	39,231	Edward J. Russavage	43,069
Eric Amundsen	46,518	Ronald J. Kransdorf	20,004	Robert A. Skrivanek, Jr.	41,316
John N. Anastasi	37,765	Peter C. Lando	34,654	Alan W. Steele	45,128
Ilan Barzilay	46,540	M. Brad Lawrence	47,210	Mark Steinberg	40,829
Carole Boelitz	48,958	Helen C. Lockhart	39,248	Joseph Teja, Jr.	45,157
Gary S. Engelson	35,128	Matthew B. Lowrie	38,228	Maria A. Trevisan	48,207
Neil P. Ferraro	39,188	William R. McClellan	29,409	John R. Van Amsterdam	40,212
Thomas G. Field III	45,596	Daniel P. McLoughlin	46,066	Robert H. Walat	46,324
Stephen R. Finch	42,534	Chantal Morgan-D'Apuzzo	48,825	Kristin D. Wheeler	43,583
Edward R. Gates	31,616	James H. Morris	34,681	Lisa E. Winsor	44,405
Richard F. Giunta	36,149	Timothy J. Oyer	36,628	David Wolf	17,528
Lawrence M. Green	29,384	Edward F. Perlman	28,105	Douglas R. Wolf	36,971
George L. Greenfield	17,756	Elizabeth R. Plumer	36,637	Douglas R. Won	30,971
James M. Hanifin, Jr.	39,213	Michael J. Pomianek	46,190		
Steven J. Henry	27,900	Jeffrey B. Powers	45,021		
	-	•	,		

### **CUSTOMER NUMBER:**

23628

Address all telephone calls to John R. Van Amsterdam at telephone no. (617) 720-3500. Address all correspondence to:

John R. Van Amsterdam c/o Wolf, Greenfield & Sacks, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210-2211

Date

or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signature Date Full name of first inventor: Kiyotaka Nishikawa Citizenship: Japan Residence: Tokyo, Japan Post Office Address: International Medical Center of Japan Research Institute, 1-21-1, Toyama, Shinjuku-ku, Tokyo 162-8655, Japan Inventor's signature Date Full name of second inventor: Hung-sen Lai Citizenship: USA Residence: Winchester, Massachusetts Post Office Address: 7 Conan Road, U-70, Winchester, MA 01890 Inventor's signature Date Full name of third inventor: **Zhou Songyang** Citizenship: China Residence: Houston, Texas Post Office Address: Baylor College of Medicine, Room 368A, One Baylor Plaza, Houston, TX 77030 Inventor's signature Full name of fourth inventor: Michael B Citizenship: **USA** Residence: Jamaica Plain, Massachusetts Post Office Address: Center for Cancer Research, Massachusetts Institute of Technology, 77

Inventor's signature

Full name of second inventor: Lewis C. Cantley

Citizenship:

USA

Residence:

Cambridge, MA

Post Office Address:

43 Larch Road, Cambridge, MA 02138

Massachusetts Avenue E18-580, Cambridge, MA 02139

### DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

### BINDING COMPOUNDS AND METHODS FOR IDENTIFYING BINDING COMPOUNDS

the specification of which is attached hereto unless the following is checked:

[X] was filed on December 14, 2001, as United States Application No. 10/017,672, and bearing attorney docket no. C1123/7001.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

			Priori Claim		
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	[] YES	[ ] NO	
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	[] YES	NO [·]	
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	[] YES	[ ] NO	

60/255,586	December 14, 2000
(Application Number)	(filing date)
(Application Number)	(filing date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)	<del></del>	(filing date)	(status-patented, pending, abandoned)		
(Application No.)		(filing date)	(status-patented, pending, abandoned)		
PCT International Appl	ications designating	the United States:	•		
	_				
(PCT Appl. No.)	(U.S. Ser. No.)	(PCT filing date)	(status-patented,pending,abandoned)		

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert M. Abrahamsen	40,886	Jason M. Honeyman	31,624	Randy J. Pritzker	35,986
Konstantinos Andrikopoulos	48,915	Robert E. Hunt	39,231	Edward J. Russavage	43,069
Eric Amundsen	46,518	Ronald J. Kransdorf	20,004	Robert A. Skrivanek, Jr.	41,316
John N. Anastasi	37,765	Peter C. Lando	34,654	Alan W. Steele	45,128
Ilan Barzilay	46,540	M. Brad Lawrence	47,210	Mark Steinberg	40,829
Carole Boelitz	48,958	Helen C. Lockhart	39,248	Joseph Teja, Jr.	45,157
Gary S. Engelson	35,128	Matthew B. Lowrie	38,228	Maria A. Trevisan	48,207
Neil P. Ferraro	39,188	William R. McClellan	29,409	John R. Van Amsterdam	40,212
Thomas G. Field III	45,596	Daniel P. McLoughlin	46,066	Robert H. Walat	46,324
Stephen R. Finch	42,534	Chantal Morgan-D'Apuzzo	48,825	Kristin D. Wheeler	43,583
Edward R. Gates	31,616	James H. Morris	34,681	Lisa E. Winsor	44,405
Richard F. Giunta	36,149	Timothy J. Oyer	36,628	David Wolf	17,528
Lawrence M. Green	29,384	Edward F. Perlman	28,105	Douglas R. Wolf	36,971
George L. Greenfield	17,756	Elizabeth R. Plumer	36,637	•	
James M. Hanifin, Jr.	39,213	Michael J. Pomianek	46,190		
Steven J. Henry	27,900	Jeffrey B. Powers	45,021		



### **CUSTOMER NUMBER:**

23628

Address all telephone calls to John R. Van Amsterdam at telephone no. (617) 720-3500. Address all correspondence to:

John R. Van Amsterdam c/o Wolf, Greenfield & Sacks, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210-2211

Date

Date

Date

or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signature

Full name of first inventor:

Kiyotaka Nishikawa

Citizenship:

Japan

Residence:

Tokyo, Japan

Post Office Address:

International Medical Center of Japan Research Institute, 1-21-1, Toyama,

Shinjuku-ku, Tokyo 162-8655, Japan

Inventor's signature

Full name of second inventor:

Hung-sen Lai

Citizenship:

**USA** 

Residence:

Winchester, Massachusetts

Post Office Address:

7 Conan Road, U-70, Winchester, MA 01890

Inventor's signature

Full name of third inventor:

Zhou Songyang

Citizenship:

China

Residence:

Houston, Texas

Post Office Address:

Baylor College of Medicine, Room 368A, One Baylor Plaza, Houston,

TX 77030

Inventor's signature

Full name of fourth inventor:

Michael B. Yaffe

Citizenship:

Residence: Post Office Address: Jamaica Plain, Massachusetts

Center for Cancer Research, Massachusetts Institute of Technology, 77

Massachusetts Avenue E18-580, Cambridge, MA 02139

(Inventor's signature

Full name of second inventor: Lewis C. Cantley

Citizenship:

**USA** 

Residence:

Cambridge, MA

Post Office Address:

43 Larch Road, Cambridge, MA 02138

Date